L Number	Hits	Search Text	DB	Time stamp
mber	1	("5319229").PN.	USPAT;	2002/10/31 18:32
			US-PGPUB	
_	14	5319229.URPN.	USPAT	2002/10/31 18:22
_	83	("gate dielectric" SAME ("high K" or "high	USPAT;	2002/11/01 09:38
		dielectric") same (oxide or SiO or	US-PGPUB	
		"SiO.sub.2" or dioxide)) and ((nitrogen		
	!	with (implant or implanting or implanted)	1	
	1	or nitrida\$ or nitriting or nitritating or	İ	
		nitriding or nitrided))		
_	16	("3668004"   "3730766"   "3967310"	USPAT	2002/10/31 18:58
		"4335391"   "4495219"   "4636833"		
		"4659606"   "4690846"   "4891684"		
		"4937650"   "4989056"   "5072269"	1	
	1	"5091761"   "5111355"   "5173835"		1
		"5225286").PN.		
_	4	(("high k" or "high dielectric") WITH	USPAT;	2002/10/31 19:23
		(oxide or nitride or dioxide or	US-PGPUB	1
		oxynitride)) SAME (anneal\$) SAME		
		(silicate)		İ
_	38	("gate insulator" SAME ("high K" or "high	USPAT;	2002/11/01 09:40
		dielectric" or "metal oxide") same (oxide	US-PGPUB	
		or SiO or "SiO.sub.2" or dioxide)) and		
		((nitrogen with (implant or implanting or		
		implanted) or nitrida\$ or nitriting or		
	1	nitritating or nitriding or nitrided or		İ
		nitrification)) .		
_	1109	(anneal\$ or RTP or RTA) SAME ("metal	USPAT;	2002/11/01 11:46
	1	oxide" or "hafnium oxide" or HfO or	US-PGPUB	1
		"zirconium oxide" or "ZrO.sub.2" or		
		"tantalum oxide" or "titanium dioxide" or		
		"TiO.sub.2" or "cesium oxide" or		
		"lantanum" or "tungsten oxide" or yttrium		1
		or BSO or BST or BSrO or PZN or PZT or		
		PST) SAME (dioxide or "silicon oxide" or		
		SiO or "SiO.sub.2" or oxynitride or SiON		•
		or SiN or "nitride")		:
_	231	((anneal\$ or RTP or RTA) SAME ("metal	USPAT;	2002/11/01 10:27
		oxide" or "hafnium oxide" or HfO or	US-PGPUB	
		"zirconium oxide" or "ZrO.sub.2" or		
		"tantalum oxide" or "titanium dioxide" or		ļ
		"TiO.sub.2" or "cesium oxide" or		
		"lantanum" or "tungsten oxide" or yttrium		,
		or BSO or BST or BSrO or PZN or PZT or		
		PST) SAME (dioxide or "silicon oxide" or		
	1	SiO or "SiO.sub.2" or oxynitride or SiON	· ·	
		or SiN or "nitride")) and (silicate)		
_	36		USPAT;	2002/11/01 10:27
		oxide" or "hafnium oxide" or HfO or	US-PGPUB	1
		"zirconium oxide" or "ZrO.sub.2" or		
		"tantalum oxide" or "titanium dioxide" or		1
	i	"TiO.sub.2" or "cesium oxide" or		1
		"lantanum" or "tungsten oxide" or yttrium		
		or BSO or BST or BSrO or PZN or PZT or		
	1	PST) SAME (dioxide or "silicon oxide" or		
	İ	SiO or "SiO.sub.2" or oxynitride or SiON		
		or SiN or "nitride")) SAME silicate		
	357	(438/287).CCLS.	USPAT;	2002/11/01 10:51
-	337	(450/207/.0010.	US-PGPUB	
	271	(438/217).CCLS.	USPAT;	2002/11/01 10:57
	2/1	(100/21//.0000)	US-PGPUB	
	1477	((composite or alternate or alternating)	USPAT;	2002/11/01 11:01
-	14//	WITH (insulator or dielectric or	US-PGPUB	
			55 10105	
	212	insulating)) SAME gate (((composite or alternating)	USPAT;	2002/11/01 11:11
_	213	(((composite of alternate of alternating)   WITH (insulator or dielectric or	US-PGPUB	
		insulating)) SAME gate) and ("high k" or	33 13135	
		insulating)) SAME gate) and ("high k of "higher k" or "higher dielectric" or "high	1	
			}	
	1	dielectric")	1	



				2002/11/01 11:46
_	32	((((composite or alternate or alternating)	USPAT;	2002/11/01 11:46
	İ	WITH (insulator or dielectric or	US-PGPUB	
	,	insulating)) SAME gate) and ("high k" or		
		"higher k" or "higher dielectric" or "high		1
		dielectric")) and silicate		2002/11/01 12:30
-	1270		USPAT;	2002/11/01 12:38
	ļ	or "zirconium oxide" or "ZrO.sub.2" or	US-PGPUB	1
	İ	"tantalum oxide" or "Ta.sub.2 O.sub.5" or	1	!
		"titanium dioxide" or "TiO.sub.2" or		,
	Ì	"cesium oxide" or "lantanum" or "tungsten		i
		oxide" or yttrium or BSO or BST or BSrO or		l
		PZN or PZT or PST) WITH (reacting or		i i
	1	reacted or react or reaction) WITH		
1	150	(silicate or silicon) (("metal oxide" or "hafnium oxide" or HfO	USPAT;	2002/11/01 12:39
-	150	or "zirconium oxide" or "ZrO.sub.2" or	US-PGPUB	2002, 11, 01
	1	"tantalum oxide" or "Ta.sub.2 O.sub.5" or	00 10102	
		"titanium dioxide" or "TiO.sub.2" or	1	İ
		"cesium oxide" or "lantanum" or "tungsten	İ	
1		oxide" or yttrium or BSO or BST or BSrO or	1	
		PZN or PZT or PST) WITH (reacting or		
		reacted or react or reaction) WITH		
		(silicate or silicon)) and gate		
_	5	("5441906"   "5668024"   "5691225"	USPAT	2002/11/01 13:09
		"5780362"   "5807770").PN.		
_	4	5904517.URPN.	USPAT	2002/11/01 13:10